**Renton Math Endorsement Academy – Algebra 1 Graphing Inequalities on the TI-84**

**Graphing a system of inequalities**

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| **Step** | **Key(s)** |
| Turn on the calculator | ON |
| Clear the calculator of previous equations. | Y=  CLEAR (for each equation already entered) |
| Turn in the inequality application | APP  Scroll down to inequalz.  ENTER  ENTER |
| Enter the first inequality | Move the cursor so it’s blinking on the equals sign  ALPHA [green button]  The top button that corresponds to the inequality sign you need  Arrow to the right so you can enter the right side of the inequality  GRAPH |
| Enter the second inequality | Same directions as above |
| Show only the intersected region | ALPHA  Y=  1: intersection |
| Turn off the inequality application | APP  Scroll down to inequalz  ENTER  Quit inequalz |

Note: I wrote up these directions from memory since my TI-84 doesn’t have the inequalz app on it. I think there are enough directions for you to follow!